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- (71) Applicant (for all designated States except US): **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **GEERDINCK, Leonie, M.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **DE BEER, Esther** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) Agent: **BOSMA, Rudolphus, H., A.**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
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(54) Title: LUMINESCENT SCREEN

(57) Abstract: In a fluorescent lamp mercury consumption is reduced by embedding the luminescent particles making up the luminescent layer in a matrix of aluminum phosphate comprising aluminum oxide particles and covering the embedded luminescent particles with a top coating of e.g. yttrium oxide.

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